

## ABSTRACT OF THE DISCLOSURE

An electrochemical device for scale treatment in water supply systems, having: (a) an electrochemical cell including: (i) a metallic tank for receiving a water supply, the tank forming a cathode of the electrochemical cell; and (ii) at least one anode, disposed within the tank; the electrochemical cell being operative to produce a pH above 12 near a wall of the tank, so as to form a scale deposition on the wall, thereby removing the deposition from the water supply; (b) an elastic scraper disposed for scraping the inner wall of the tank, and (c) a control system for the elastic scraper, designed and configured to activate the scraper so as to promote the deposition of scale on the wall.